

Converting Colors

Hex(36D831)

Have a look what the booklet for
Hex(36D831) contains.

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Color

Hex(36D831)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36D831 |
| RGB | 54, 216, 49 |
| RGB Percent | 21%, 85%, 19% |
| CMY | 0.7882, 0.1529, 0.8078 |
| CMYK | 0.75, 0.00, 0.77, 0.15 |
| HSL | 118°, 68%, 52% |
| HSV | 118°, 77%, 85% |
| XYZ | 26.6316, 50.1178, 11.1758 |
| YIQ | 148.5240, -42.9450, -86.2810 |

Conversions

Conversions Part 2

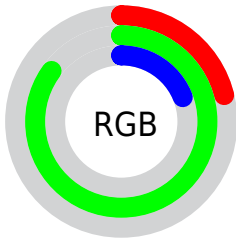
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 49, 216, 211 |
| Decimal | 3594289 |
| CIELab | 76.14, -69.98, 65.22 |
| CIELCh | 76, 95.662, 137.015 |
| Yxy | 50.1178, 0.3029, 0.5700 |
| Android (android.graphics.Color) | 4281784369 (0xFF36D831) |
| YUV | 148.5240, -49.0653, -82.8975 |
| Hunter-Lab | 70.7939, -56.7404, 40.1960 |

Details

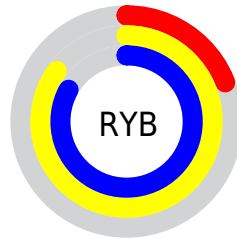
The Hex color **36D831** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **D331D8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7EFF6B**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **21D81B**, and if you desaturate by 10%, it is **4BD847**.

Distribution



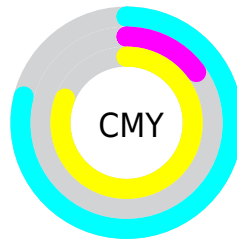
- Red (21%)
- Green (85%)
- Blue (19%)



- Red (19%)
- Yellow (85%)
- Blue (83%)



- Cyan (75%)
- Magenta (0%)
- Yellow (77%)
- Black (15%)



- Cyan (79%)
- Magenta (15%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36D831 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 36D831 by changing the saturation by 10% instead.

 36D831

 36D831

FFFFFF

 00BB05

 7EFF6B

 00A000

 9EFF87

 008400

 BDFFA4

 006A00

 DCFFC0

 005000

 FBFFDD

 003800

 FFFFFB

 001E00

 000000

 36D831

 36D831

 21D81B

 4BD847

 0CD806

 60D85C

 06D800

 75D872

 8AD887

 9FD89D

 B4D8B3

 C9D8C8

 DED8DE

 F3D8F3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B3C700



36D831



00E091

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36D831



00D1FF



FF568E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36D831



D331D8

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5BE6



36D831



44B5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36D831



00DFFF



FD8AFF



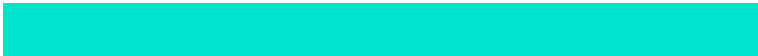
FF8039

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36D831



00E3CF



FD8AFF



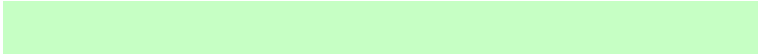
FF50AB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36D831



C6FFC4



D8D231



5D805C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36D831



19FF12



31D87F



616B60



05AB00



012B00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D331D8



F812FF



D8318A



6B606B



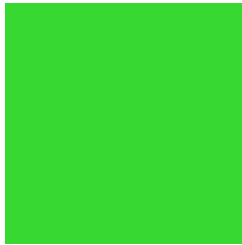
A600AB



2A002B

Previews

White Background



This preview shows how the Hex color 36D831 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 36D831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 36D831 Background



This preview shows how black text looks on a background with the Hex color 36D831.

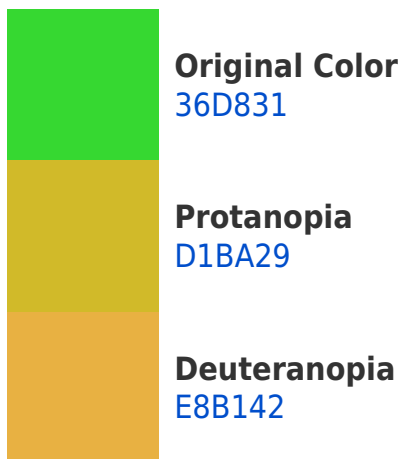


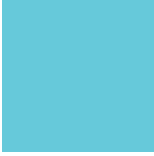
This preview shows how white text looks on a background with the Hex color 36D831.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

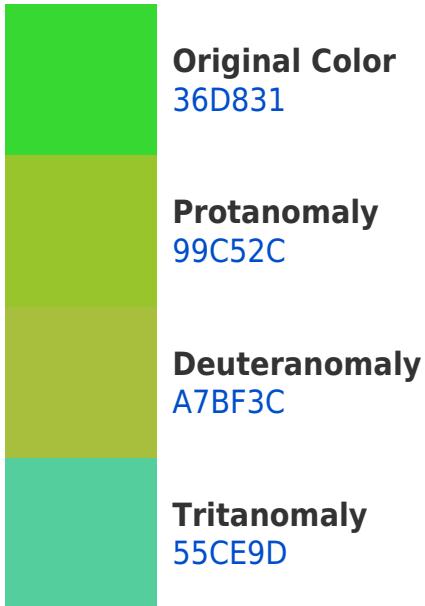
Dichromacy





Tritanopia
66C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36D831 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #36D831 looks like.

```
.text, #text, p{  
    color:#36D831  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #36D831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D831
}
```

Border

The CSS property to change the border of an element to Hex 36D831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36D831 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#36D831 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #36D831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D831; -webkit-box-shadow:4px 4px  
4px 4px #36D831; box-shadow:4px 4px 4px  
4px #36D831 }
```

Background

The CSS property to change the background color of an element to Hex 36D831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D831 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#36D831 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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